Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070220\
Data File : VV017323.D
Acq On : 02 Jul 2020 22:13
Operator : SY/MD
Sample : L3154-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H4295

Quant Time: Jul 03 06:19:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 03 06:15:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	166467	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	159707	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	81899	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	41421	4.15	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 83.00%			
7) Chloroethane-d5	1.58	69	33290	4.58	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.60%			
11) 1,1-Dichloroethene-d2	2.13	63	65719	3.46	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 69.20%			
20) 2-Butanone-d5	3.93	46	99460	39.06	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 78.12%			
24) Chloroform-d	4.38	84	93021	4.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.00%			
26) 1,2-Dichloroethane-d4	5.06	65	52692	4.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.00%			
32) Benzene-d6	5.08	84	172242	4.16	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.20%			
36) 1,2-Dichloropropane-d6	6.10	67	48437	3.90	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 78.00%			
41) Toluene-d8	7.34	98	162193	4.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.40%			
45) trans-1,3-Dichloropropene-	7.65	79	18844	3.65	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 73.00%			
48) 2-Hexanone-d5	8.11	63	72235	36.70	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 73.40%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	34858	4.23	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 84.60%			
65) 1,2-Dichlorobenzene-d4	11.65	152	64067	4.23	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 84.60%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	123847	11.338	ug/L	100
8) Chloroethane	1.58	64	71710	11.879	ug/L #	52
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	669	0.076	ug/L #	23
12) 1,1-Dichloroethene	2.13	96	816	0.102	ug/L #	1
13) Acetone	2.15	43	7800	6.060	ug/L	61
14) Carbon disulfide	2.32	76	2197	0.092	ug/L #	82
15) Methyl Acetate	2.51	43	62448	19.843	ug/L #	52
16) Methylene chloride	2.52	84	1324	0.155	ug/L #	1
17) Methyl tert-butyl Ether	2.79	73	1001322	49.915	ug/L	96
19) 1,1-Dichloroethane	3.21	63	13590	0.714	ug/L	95
22) cis-1,2-Dichloroethene	3.94	96	15547	1.343	ug/L	99
30) Cyclohexane	4.70	56	30796	1.691	ug/L	96
33) Benzene	5.13	78	190325	4.550	ug/L	100
34) Trichloroethene	5.94	95	2340	0.191	ug/L	90
35) Methylcyclohexane	6.15	83	2096	0.110	ug/L #	70
39) cis-1,3-Dichloropropene	7.01	75	1782	0.116	ug/L #	26
42) Toluene	7.41	91	9209	0.189	ug/L	99

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070220\
Data File : VV017323.D
Acq On : 02 Jul 2020 22:13
Operator : SY/MD
Sample : L3154-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H4295

Quant Time: Jul 03 06:19:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 03 06:15:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 1,3,5-Trimethylbenzene	10.94	105	2525	0.058	ug/L		98
44) 1,2,4-Trimethylbenzene	10.94	105	2525	0.057	ug/L		93
46) trans-1,3-Dichloropropene	7.64	75	1102	0.083	ug/L		100
50) 2-Hexanone	8.17	43	4181	0.983	ug/L	#	80
58) Isopropylbenzene	9.95	105	4390	0.084	ug/L	#	90
60) 1,1,2,2-Tetrachloroethane	10.24	83	2687	0.354	ug/L	#	71

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070220\
Data File : VV017323.D
Acq On : 02 Jul 2020 22:13
Operator : SY/MD
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Misc : 25.0mL/MSVOA_V/WATER
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Instrument :
MSVOA_V
ClientSampleId :
H4295

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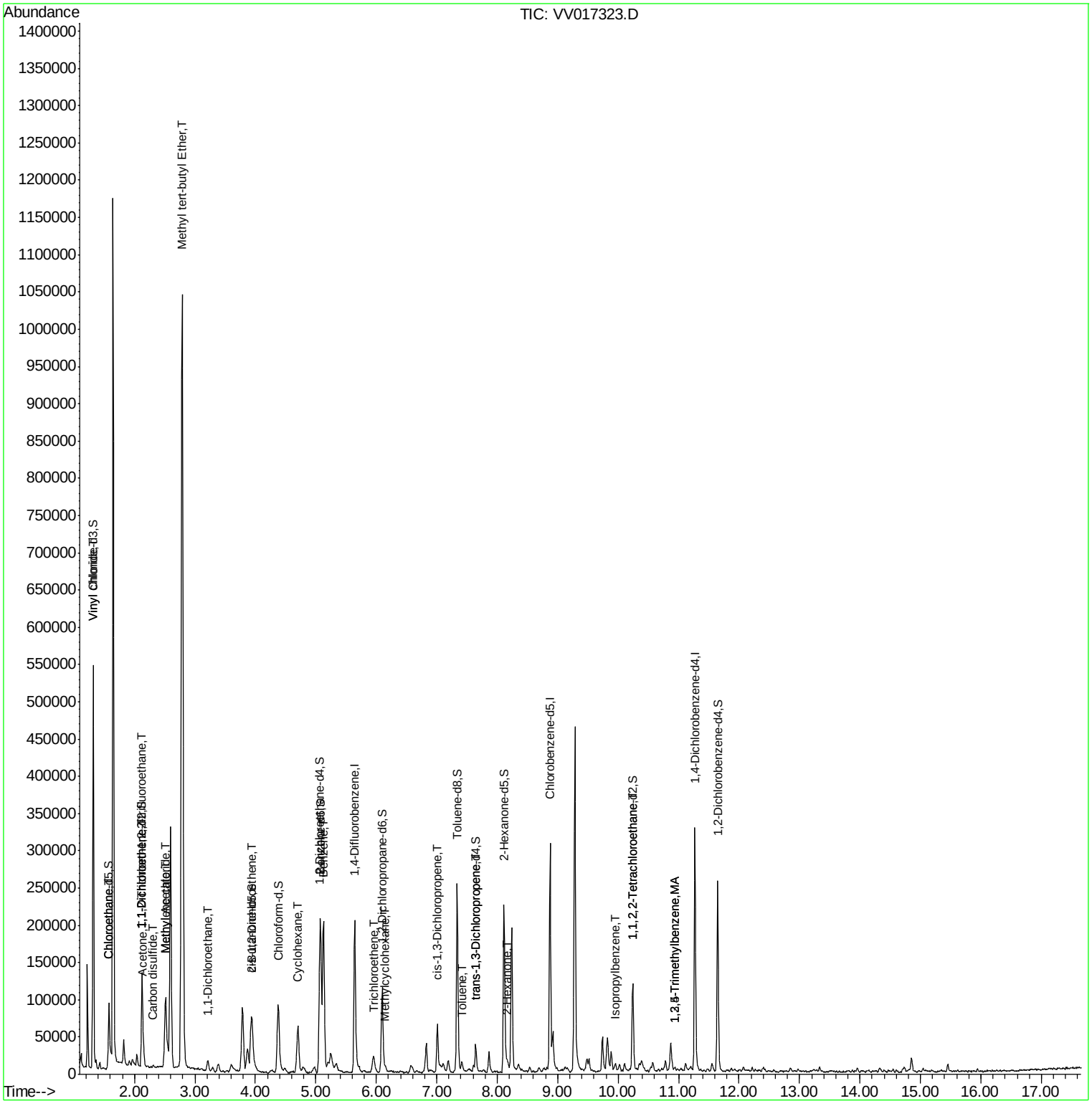
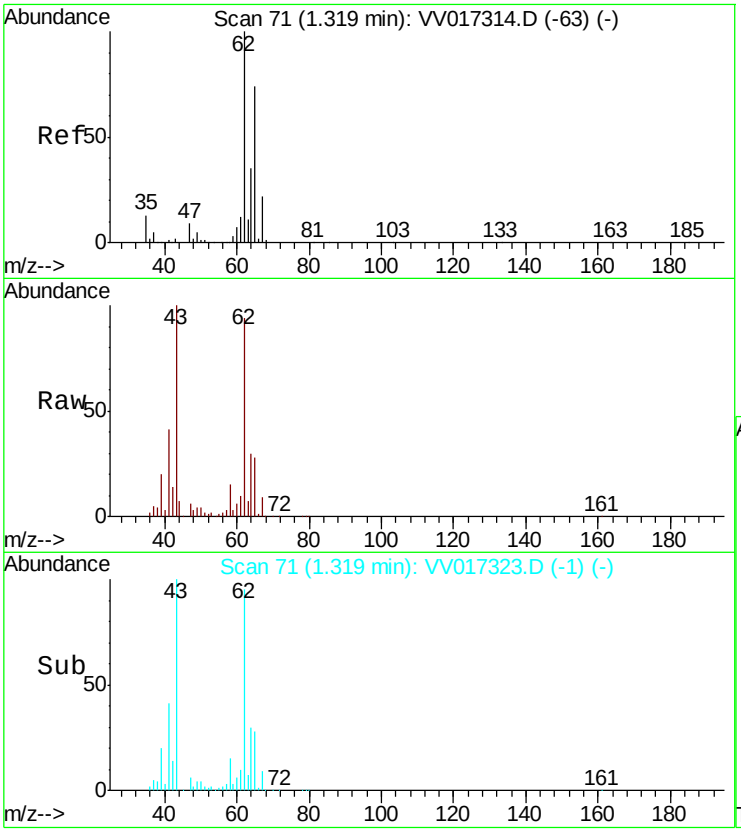
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 03 06:15:26 2020
Response via : Initial Calibration



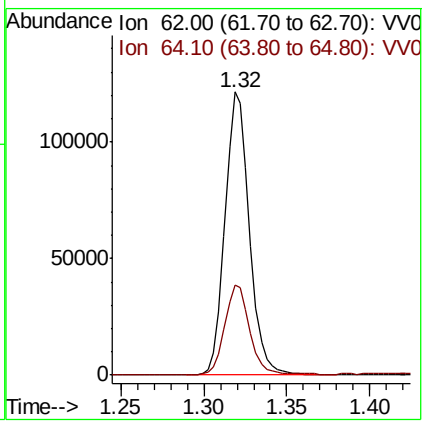


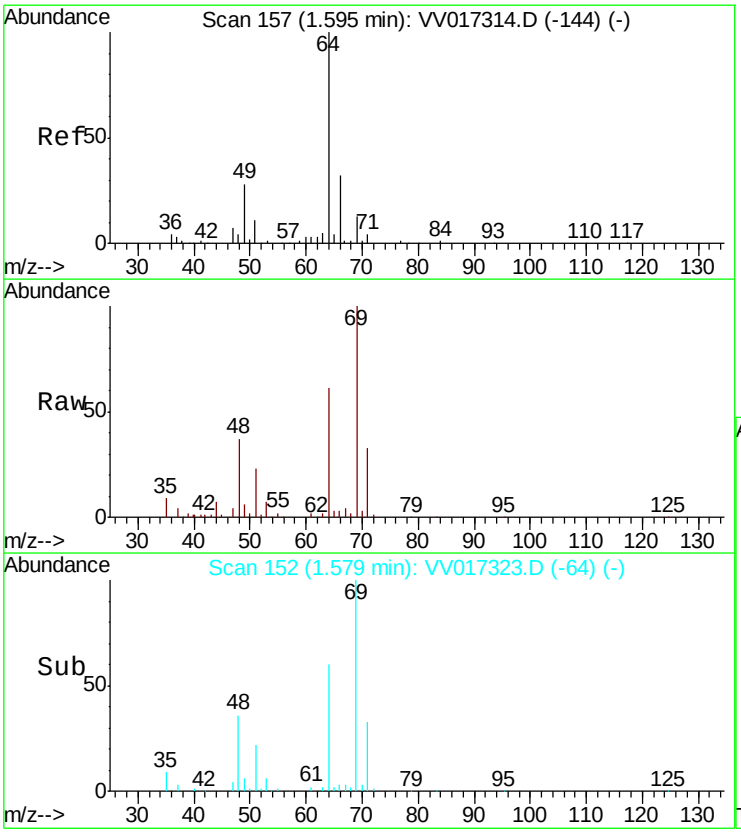
#5
Vinyl chloride
Concen: 11.338 ug/L
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VV017323.D
Acq: 02 Jul 2020 22:13

Instrument :
MSVOA_V
ClientSampleId :
H4295

Tgt Ion: 62 Resp: 123847

Ion	Ratio	Lower	Upper
62	100		
64	31.8	22.5	41.7

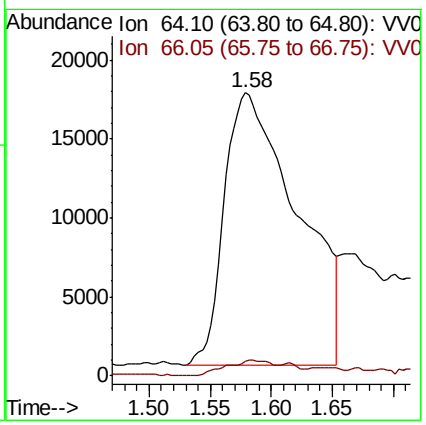


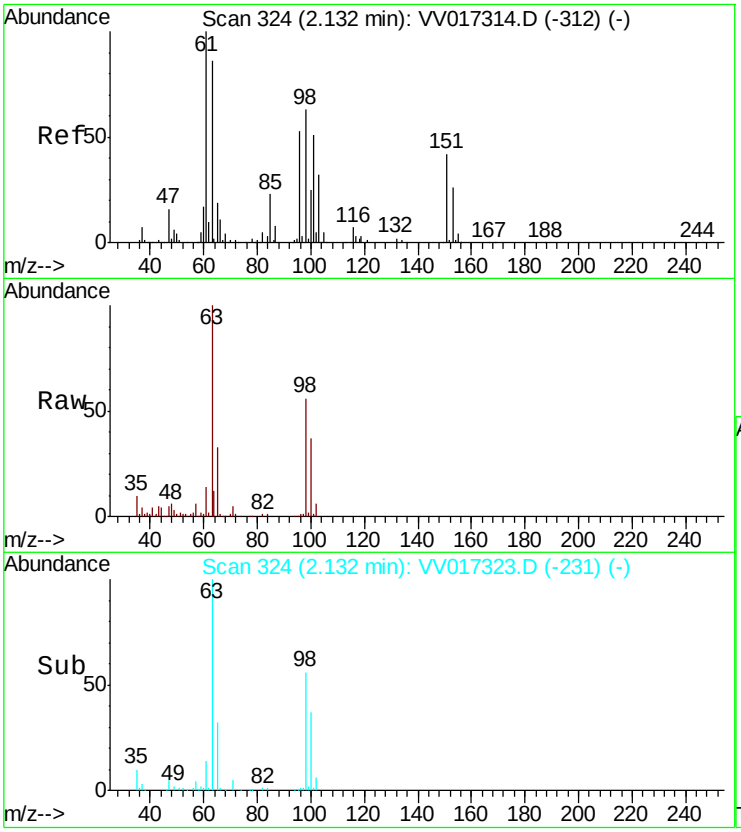


#8
Chloroethane
Concen: 11.879 ug/L
RT: 1.58 min Scan# 152
Delta R.T. -0.02 min
Lab File: VV017323.D
Acq: 02 Jul 2020 22:13

Tgt Ion: 64 Resp: 71710

Ion	Ratio	Lower	Upper
64	100		
66	5.4	22.8	42.4#



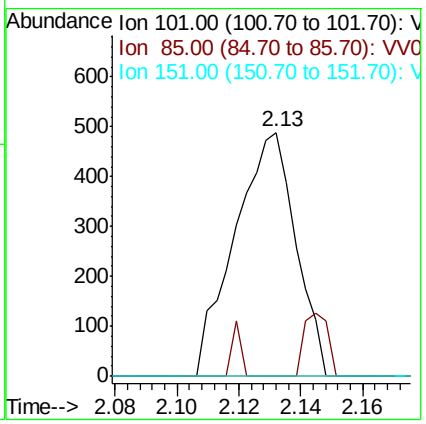


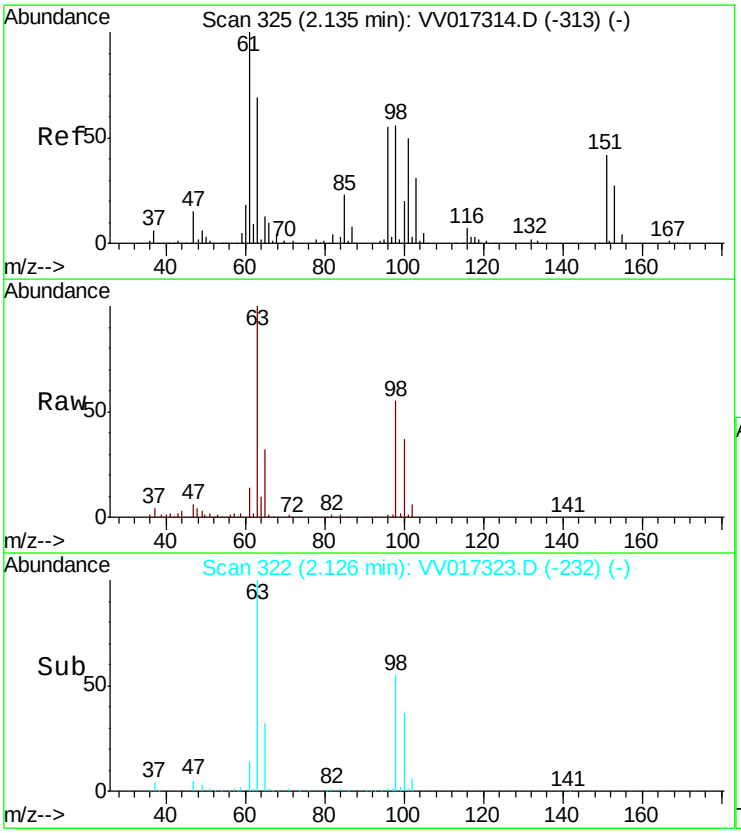
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.076 ug/L
RT: 2.13 min Scan# 324
Delta R.T. -0.00 min
Lab File: VV017323.D
Acq: 02 Jul 2020 22:13

Instrument :
MSVOA_V
ClientSampleId :
H4295

Tgt Ion:101 Resp: 669

Ion	Ratio	Lower	Upper
101	100		
85	10.0	35.4	53.2#
151	0.0	63.9	95.9#

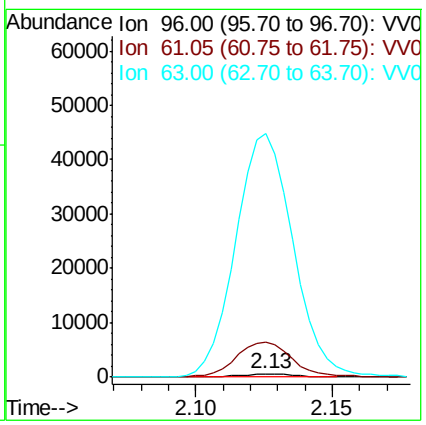


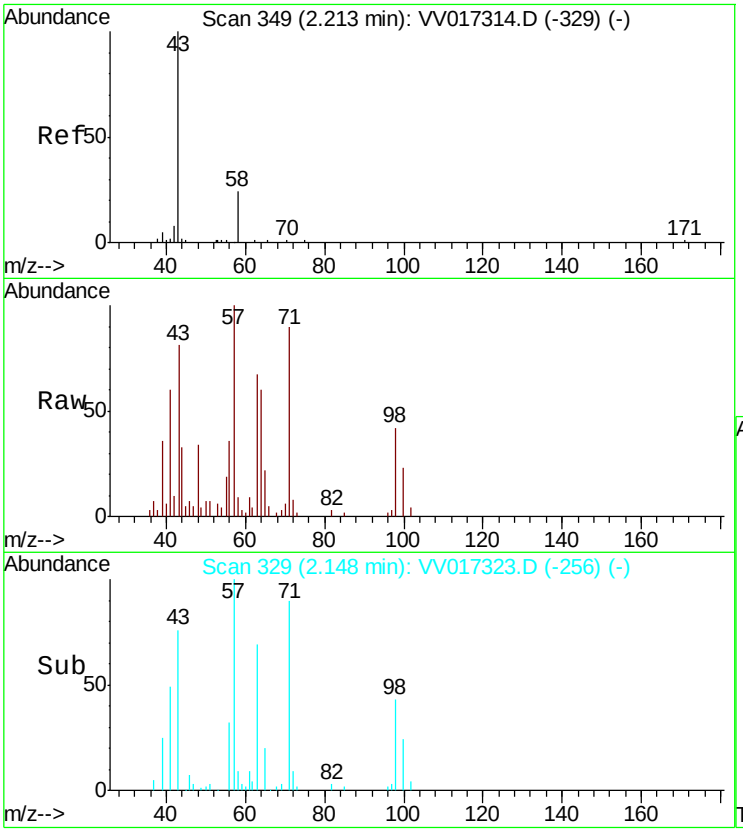


#12
1,1-Dichloroethene
Concen: 0.102 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.01 min
Lab File: VV017323.D
Acq: 02 Jul 2020 22:13

Tgt Ion: 96 Resp: 816

Ion	Ratio	Lower	Upper
96	100		
61	1132.4	125.0	232.2#
63	7943.3	109.8	203.8#



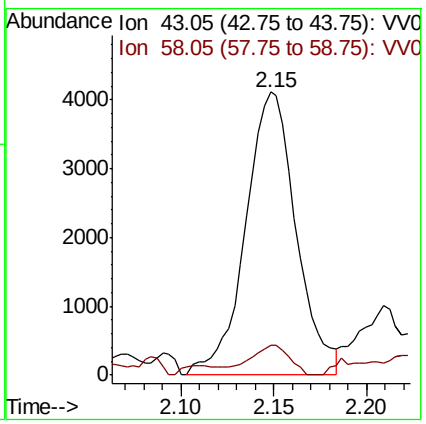


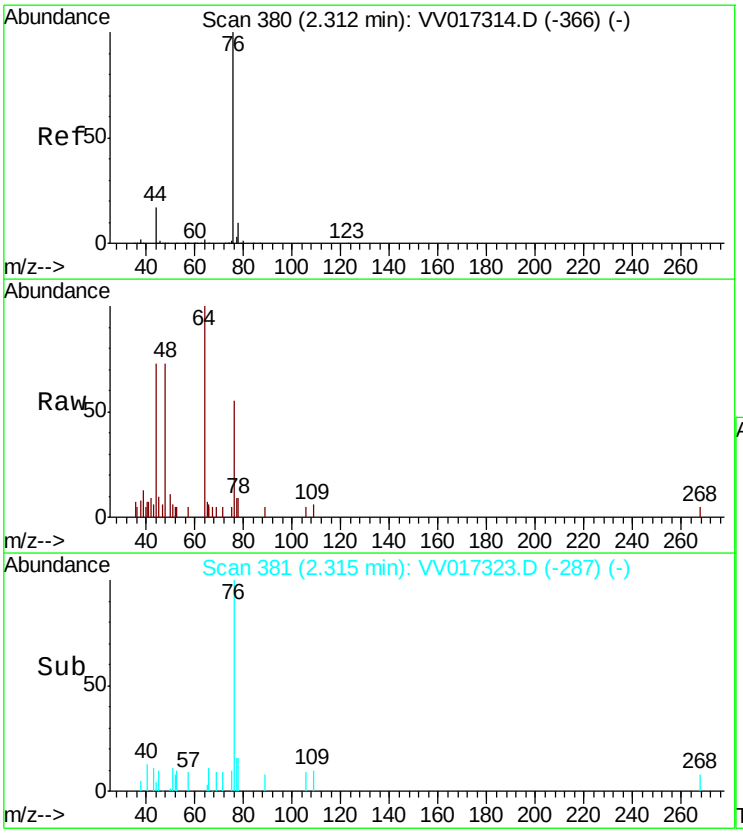
#13
Acetone
Concen: 6.060 ug/L
RT: 2.15 min Scan# 329
Delta R.T. -0.06 min
Lab File: VV017323.D
Acq: 02 Jul 2020 22:13

Instrument : MSVOA_V
ClientSampleId : H4295

Tgt Ion: 43 Resp: 7800

Ion	Ratio	Lower	Upper
43	100		
58	8.3	0.0	58.4

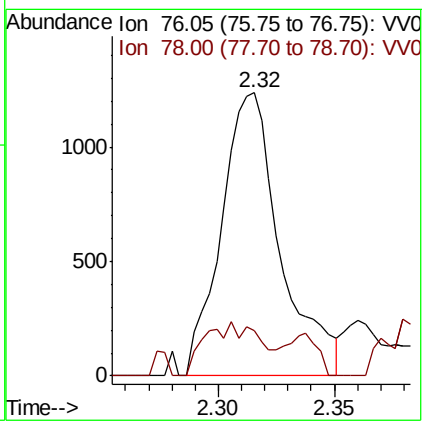


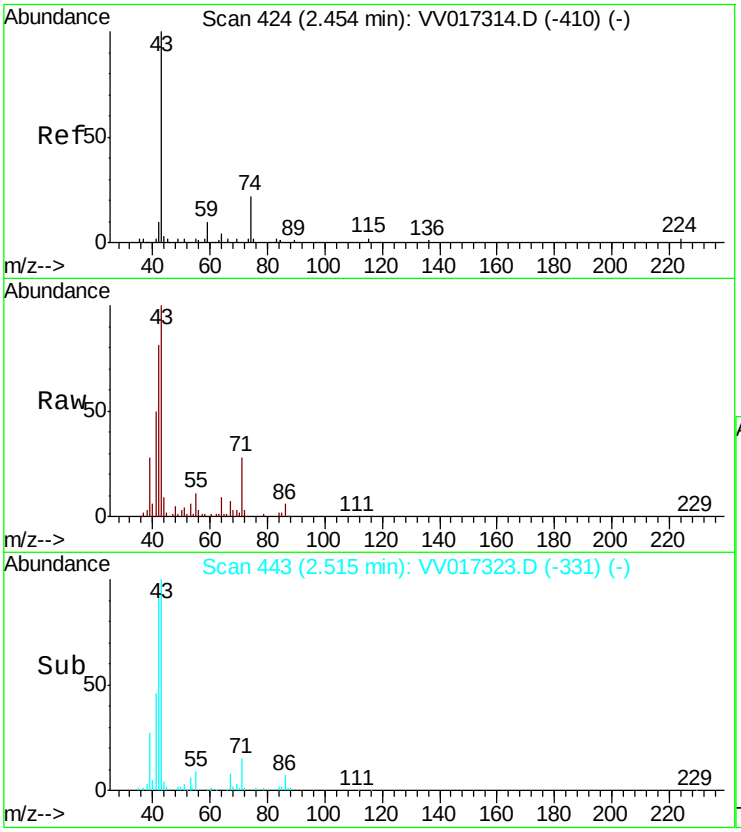


#14
Carbon disulfide
Concen: 0.092 ug/L
RT: 2.32 min Scan# 381
Delta R.T. 0.00 min
Lab File: VV017323.D
Acq: 02 Jul 2020 22:13

Tgt Ion: 76 Resp: 2197

Ion	Ratio	Lower	Upper
76	100		
78	16.2	7.7	11.5#



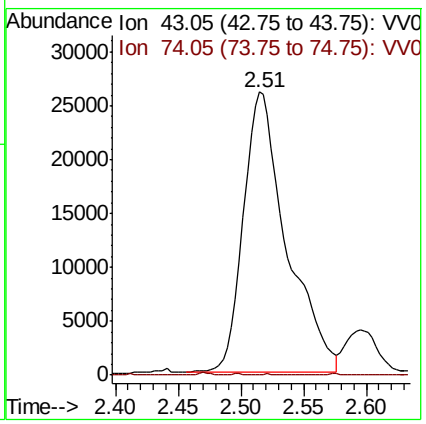


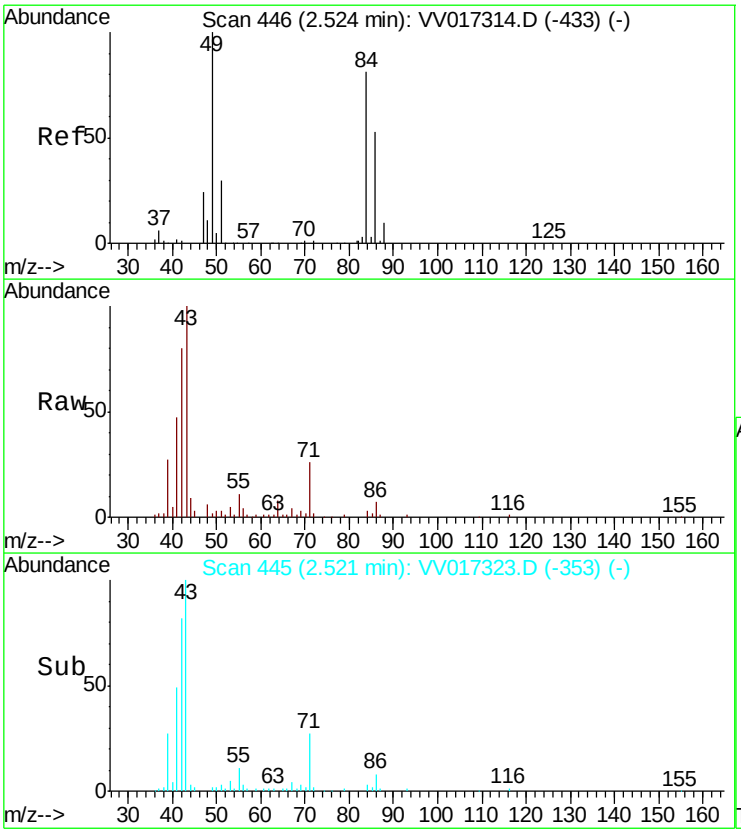
#15
Methyl Acetate
Concen: 19.843 ug/L
RT: 2.51 min Scan# 443
Delta R.T. 0.06 min
Lab File: VV017323.D
Acq: 02 Jul 2020 22:13

Instrument : MSVOA_V
ClientSampleId : H4295

Tgt Ion: 43 Resp: 62448

Ion	Ratio	Lower	Upper
43	100		
74	0.1	19.1	28.7#

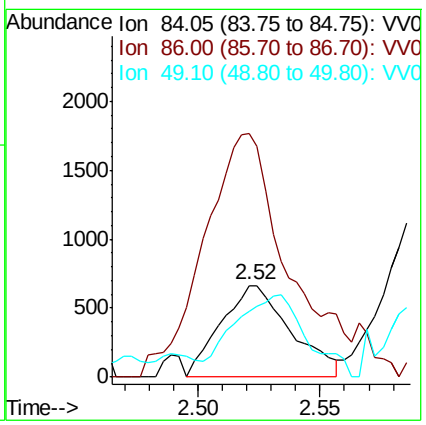


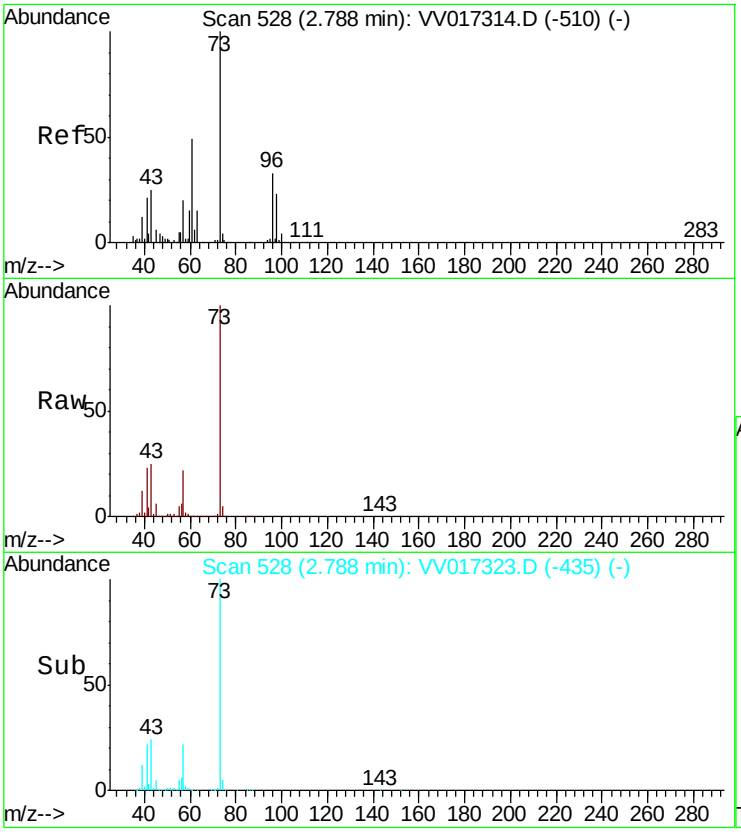


#16
Methylene chloride
Concen: 0.155 ug/L
RT: 2.52 min Scan# 445
Delta R.T. -0.00 min
Lab File: VV017323.D
Acq: 02 Jul 2020 22:13

Tgt Ion: 84 Resp: 1324

Ion	Ratio	Lower	Upper
84	100		
86	265.2	45.8	85.0#
49	71.6	89.6	166.4#



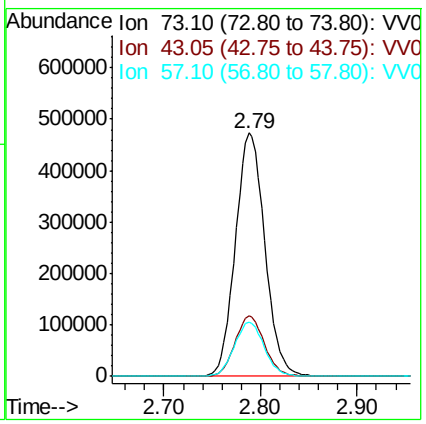


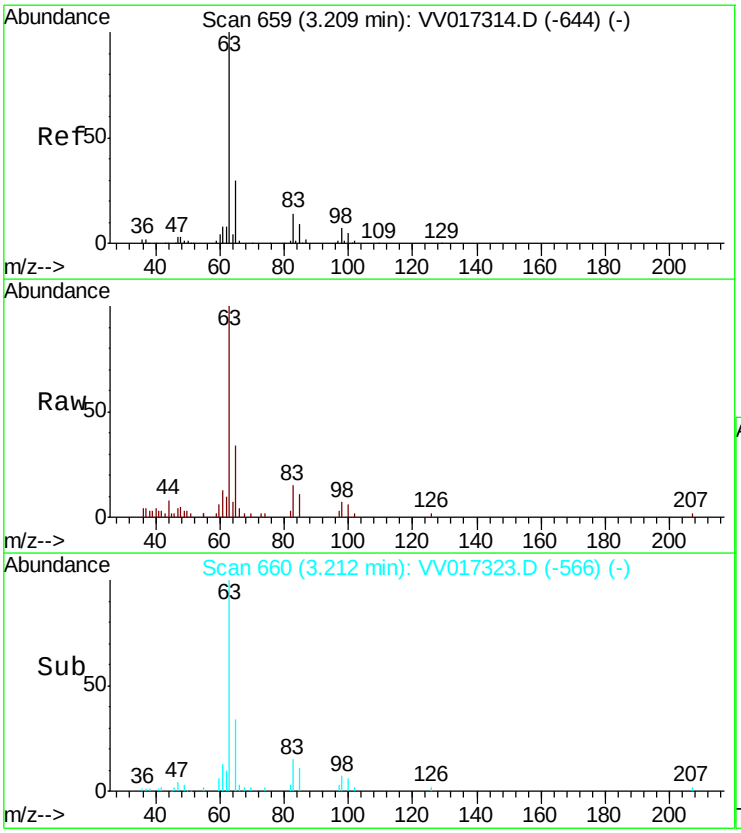
#17
Methyl tert-butyl Ether
Concen: 49.915 ug/L
RT: 2.79 min Scan# 528
Delta R.T. -0.00 min
Lab File: VV017323.D
Acq: 02 Jul 2020 22:13

Instrument :
MSVOA_V
ClientSampleId :
H4295

Tgt Ion: 73 Resp: 1001322

Ion	Ratio	Lower	Upper
73	100		
43	24.7	18.6	28.0
57	22.5	16.4	24.6

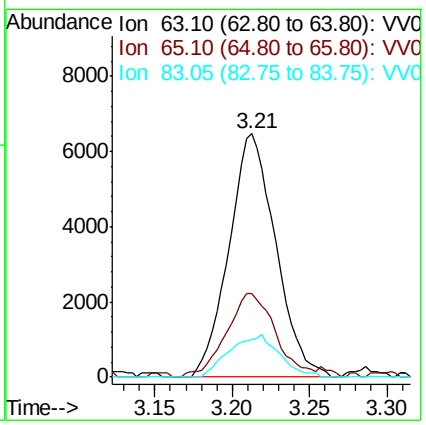


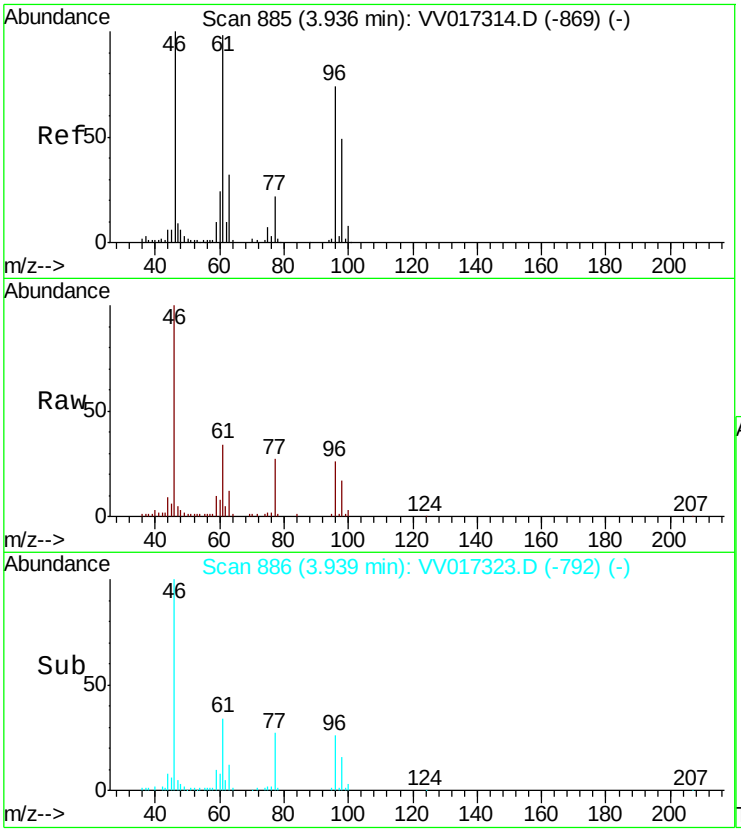


#19
1,1-Dichloroethane
Concen: 0.714 ug/L
RT: 3.21 min Scan# 660
Delta R.T. 0.00 min
Lab File: VV017323.D
Acq: 02 Jul 2020 22:13

Tgt Ion: 63 Resp: 13590

Ion	Ratio	Lower	Upper
63	100		
65	34.3	21.8	40.4
83	15.4	9.7	17.9



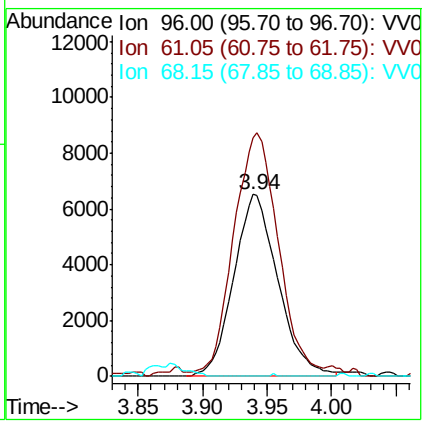


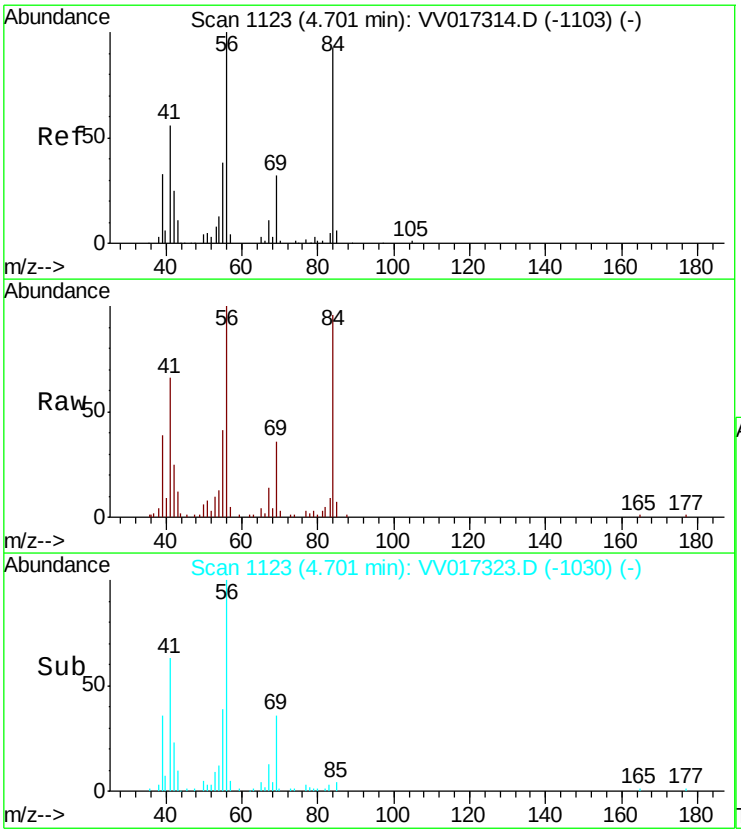
#22
cis-1,2-Dichloroethene
Concen: 1.343 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV017323.D
Acq: 02 Jul 2020 22:13

Instrument :
MSVOA_V
ClientSampleId :
H4295

Tgt Ion: 96 Resp: 15547

Ion	Ratio	Lower	Upper
96	100		
61	131.3	91.0	169.0
68	0.0	0.0	0.0

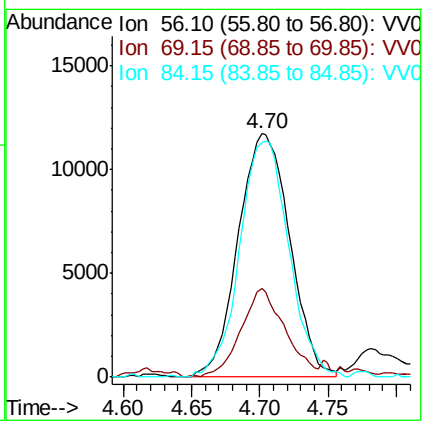


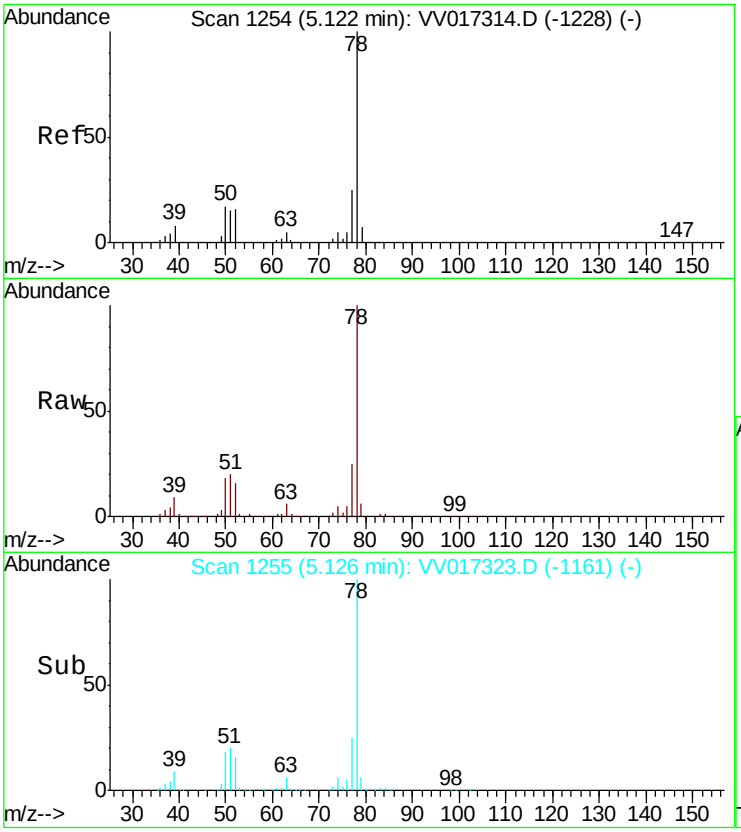


#30
Cyclohexane
Concen: 1.691 ug/L
RT: 4.70 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VV017323.D
Acq: 02 Jul 2020 22:13

Tgt Ion: 56 Resp: 30796

Ion	Ratio	Lower	Upper
56	100		
69	31.1	24.4	36.6
84	92.5	69.9	104.9

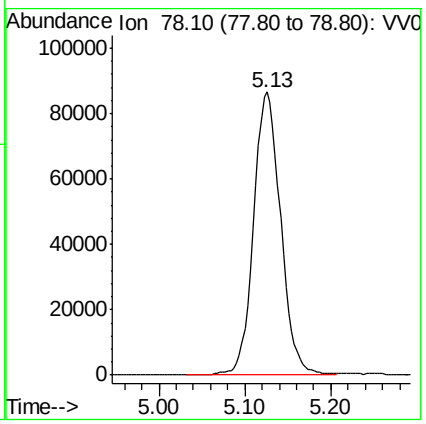


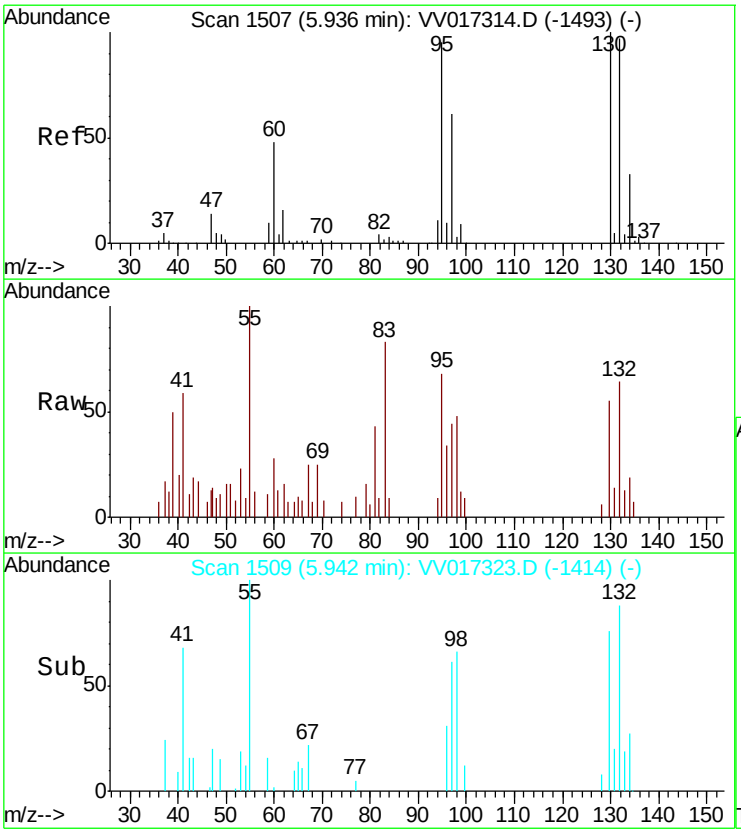


#33
Benzene
Concen: 4.550 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. 0.00 min
Lab File: VV017323.D
Acq: 02 Jul 2020 22:13

Instrument :
MSVOA_V
ClientSampleId :
H4295

Tgt Ion: 78 Resp: 190325

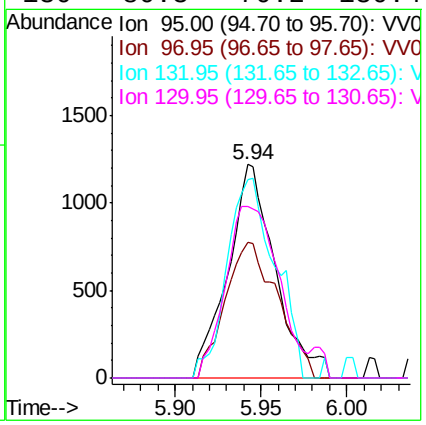


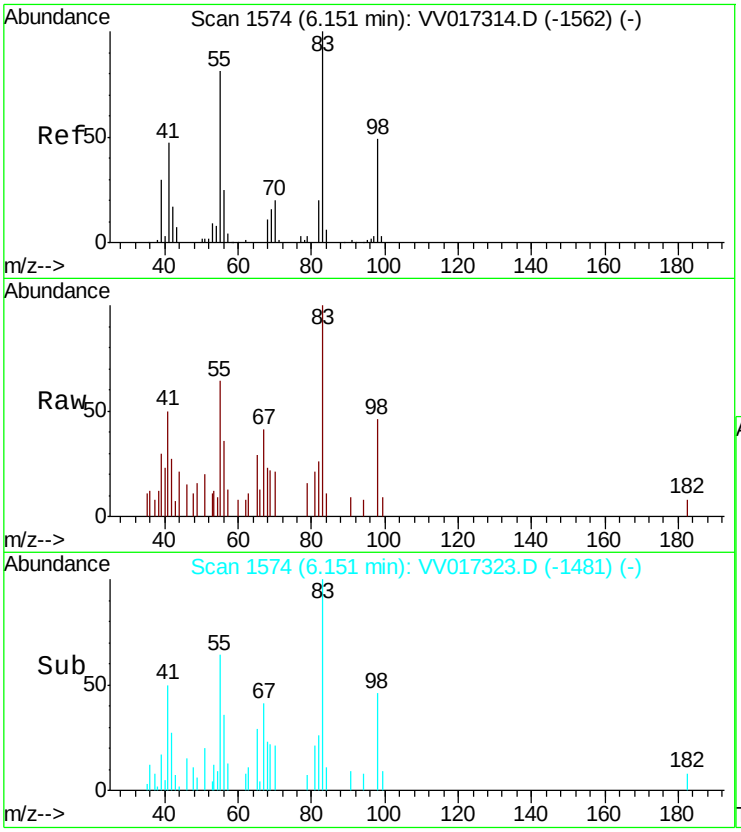


#34
Trichloroethene
Concen: 0.191 ug/L
RT: 5.94 min Scan# 1509
Delta R.T. 0.01 min
Lab File: VV017323.D
Acq: 02 Jul 2020 22:13

Tgt Ion: 95 Resp: 2340

Ion	Ratio	Lower	Upper
95	100		
97	63.6	45.3	84.1
132	93.0	68.8	127.8
130	80.3	70.2	130.4



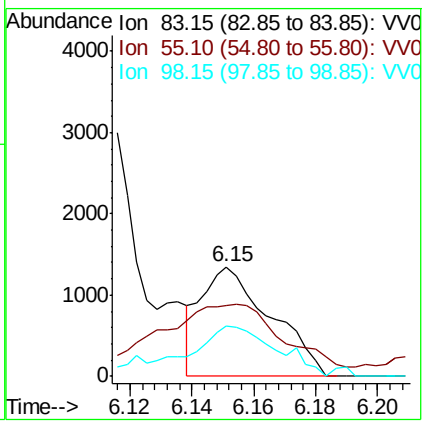


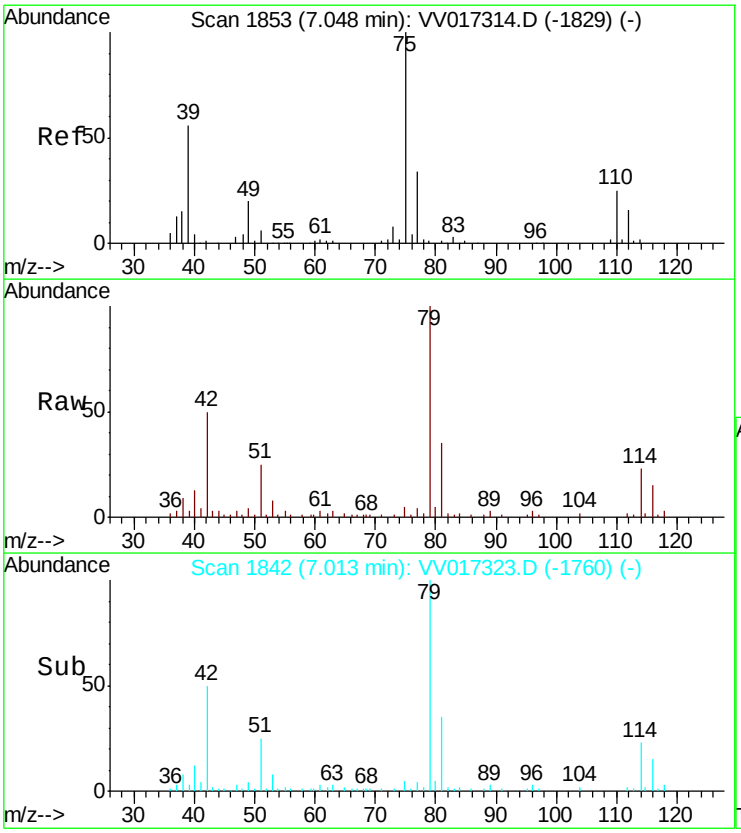
#35
Methylcyclohexane
Concen: 0.110 ug/L
RT: 6.15 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VV017323.D
Acq: 02 Jul 2020 22:13

Instrument :
MSVOA_V
ClientSampleId :
H4295

Tgt Ion: 83 Resp: 2096

Ion	Ratio	Lower	Upper
83	100		
55	116.8	63.6	95.4#
98	55.6	38.8	58.2

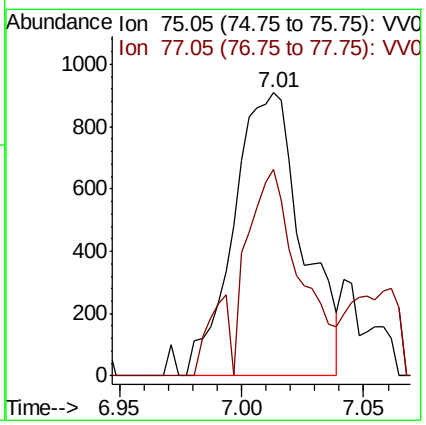


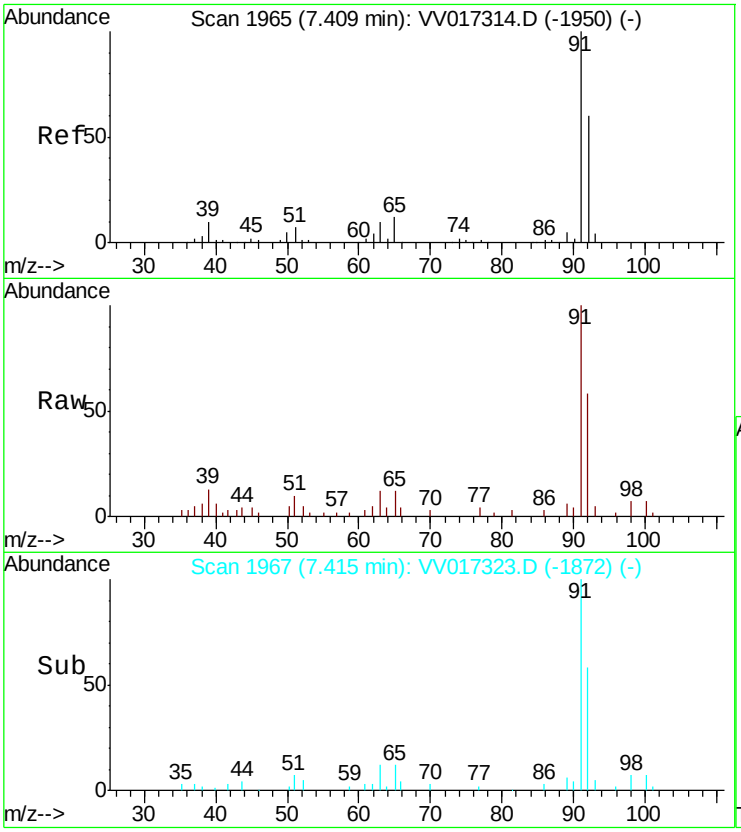


#39
cis-1,3-Dichloropropene
Concen: 0.116 ug/L
RT: 7.01 min Scan# 1842
Delta R.T. -0.04 min
Lab File: VV017323.D
Acq: 02 Jul 2020 22:13

Tgt Ion: 75 Resp: 1782

Ion	Ratio	Lower	Upper
75	100		
77	73.0	22.3	41.5#



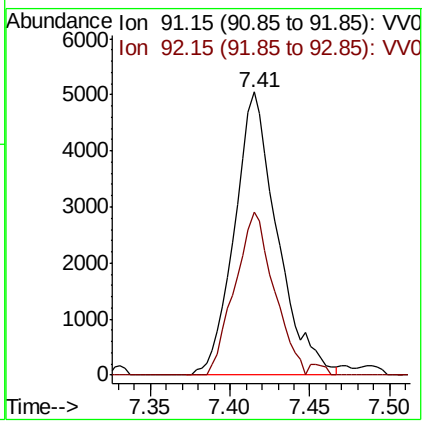


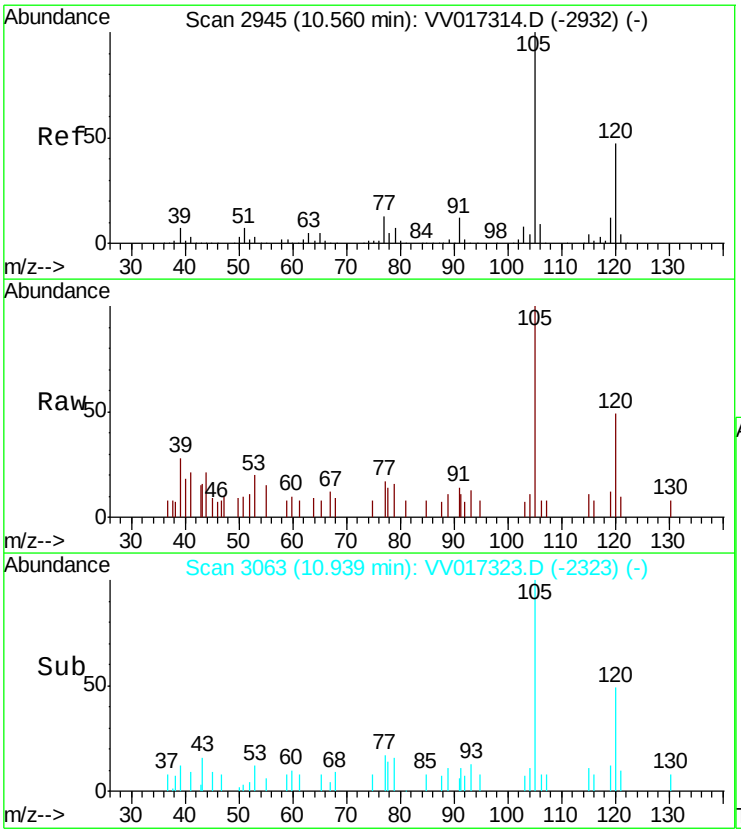
#42
Toluene
Concen: 0.189 ug/L
RT: 7.41 min Scan# 1967
Delta R.T. 0.01 min
Lab File: VV017323.D
Acq: 02 Jul 2020 22:13

Instrument : MSVOA_V
ClientSampleId : H4295

Tgt Ion: 91 Resp: 9209

Ion	Ratio	Lower	Upper
91	100		
92	57.8	39.9	74.1

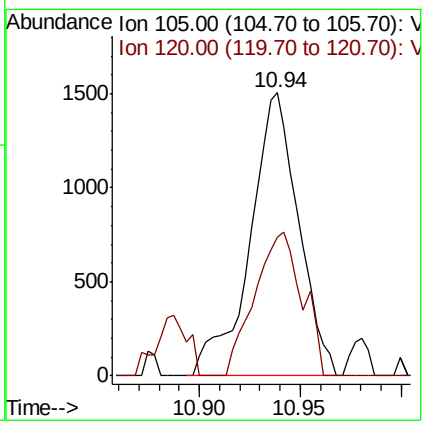


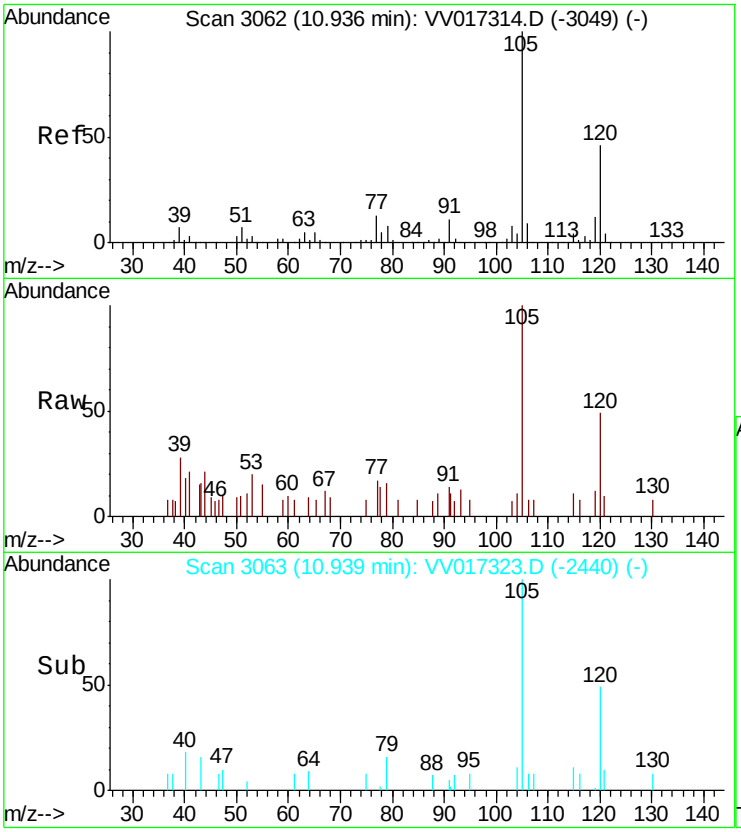


#43
1,3,5-Trimethylbenzene
Concen: 0.058 ug/L
RT: 10.94 min Scan# 3063
Delta R.T. 0.38 min
Lab File: VV017323.D
Acq: 02 Jul 2020 22:13

Tgt Ion:105 Resp: 2525

Ion	Ratio	Lower	Upper
105	100		
120	49.5	38.6	57.8



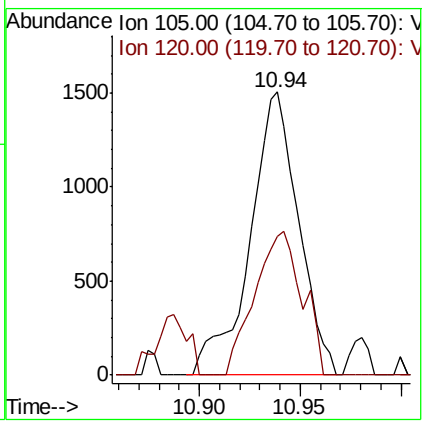


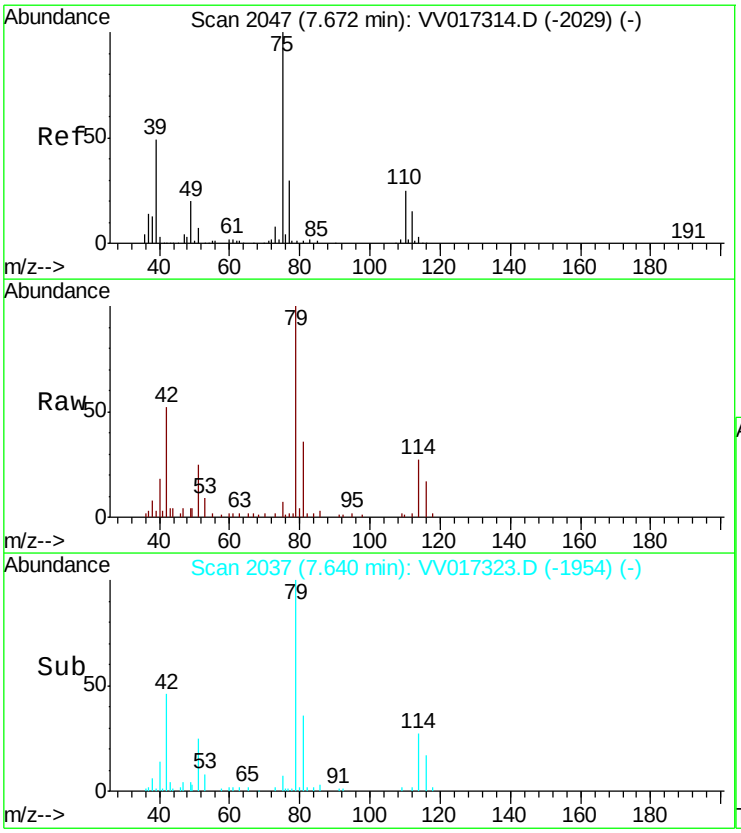
#44
1,2,4-Trimethylbenzene
Concen: 0.057 ug/L
RT: 10.94 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VV017323.D
Acq: 02 Jul 2020 22:13

Instrument : MSVOA_V
ClientSampleId : H4295

Tgt Ion:105 Resp: 2525

Ion	Ratio	Lower	Upper
105	100		
120	49.5	35.8	53.8

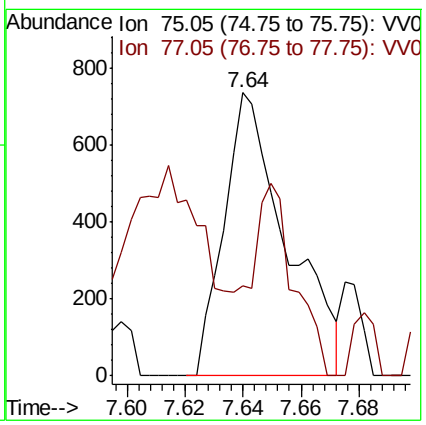


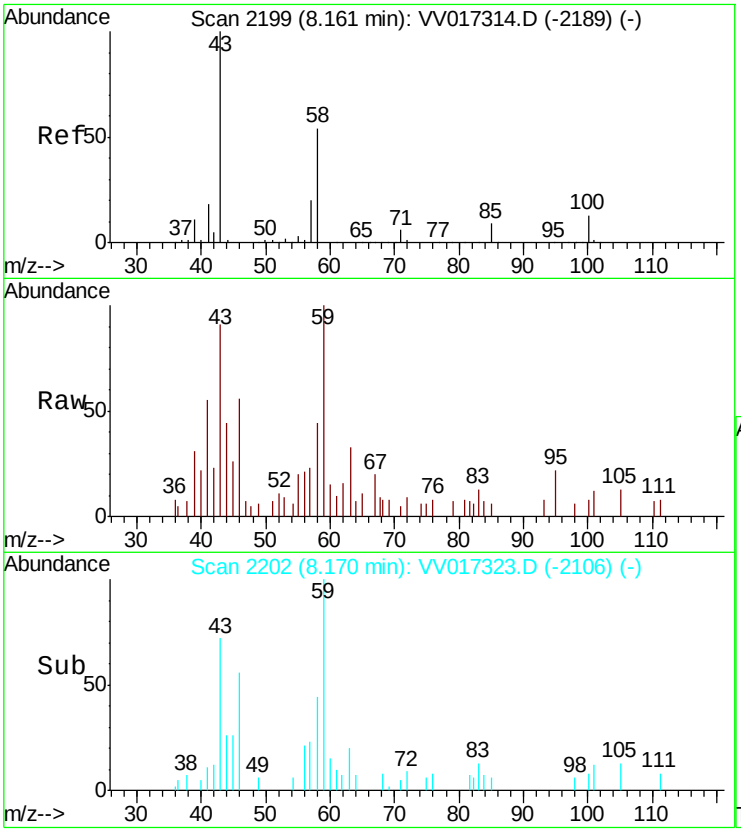


#46
trans-1,3-Dichloropropene
Concen: 0.083 ug/L
RT: 7.64 min Scan# 2037
Delta R.T. -0.03 min
Lab File: VV017323.D
Acq: 02 Jul 2020 22:13

Tgt Ion: 75 Resp: 1102

Ion	Ratio	Lower	Upper
75	100		
77	31.7	22.3	41.3



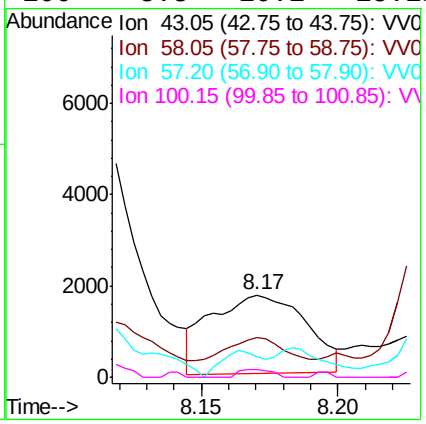


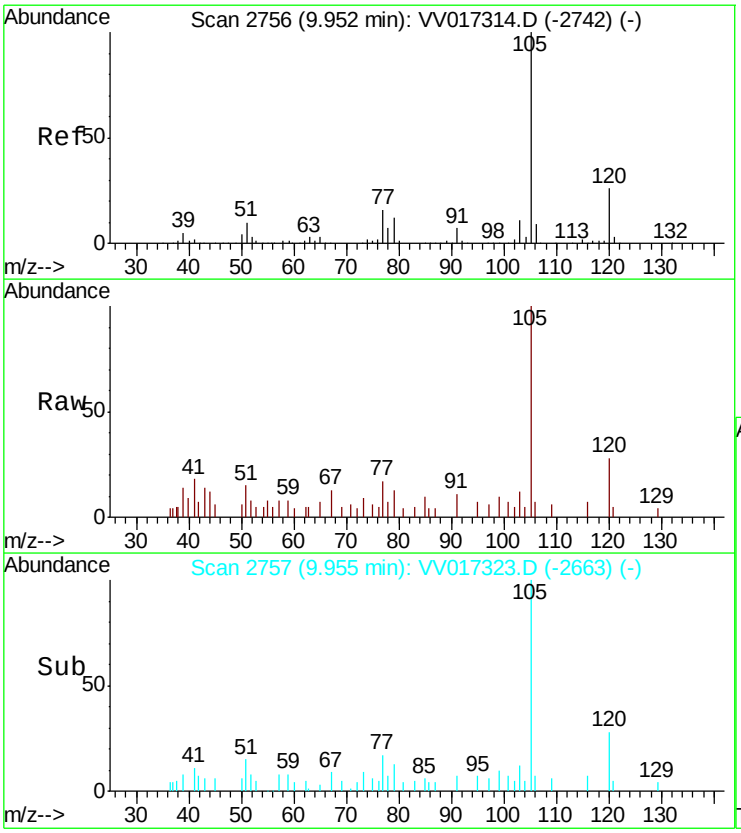
#50
2-Hexanone
Concen: 0.983 ug/L
RT: 8.17 min Scan# 2202
Delta R.T. 0.01 min
Lab File: VV017323.D
Acq: 02 Jul 2020 22:13

Instrument : MSVOA_V
ClientSampleId : H4295

Tgt Ion: 43 Resp: 4181

Ion	Ratio	Lower	Upper
43	100		
58	35.7	41.6	62.4#
57	14.3	15.4	23.0#
100	3.3	10.1	15.1#

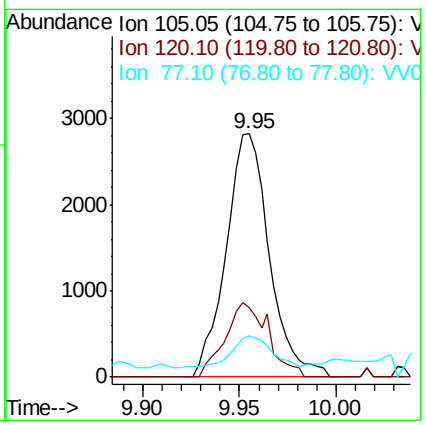


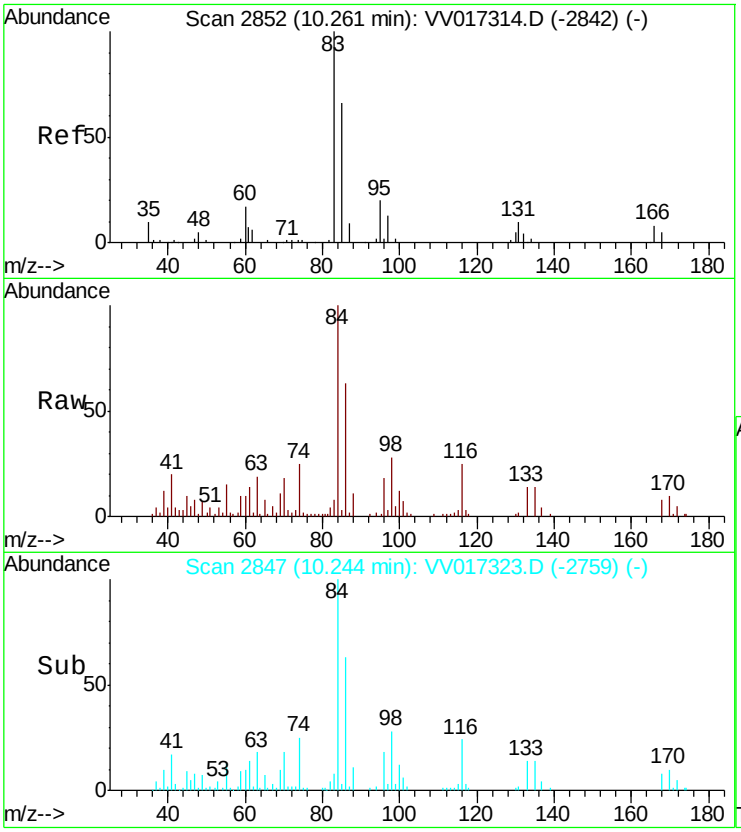


#58
Isopropylbenzene
Concen: 0.084 ug/L
RT: 9.95 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VV017323.D
Acq: 02 Jul 2020 22:13

Tgt Ion:105 Resp: 4390

Ion	Ratio	Lower	Upper
105	100		
120	30.5	21.2	31.8
77	21.7	13.0	19.4#





#60
1,1,2,2-Tetrachloroethane
Concen: 0.354 ug/L
RT: 10.24 min Scan# 2847
Delta R.T. -0.02 min
Lab File: VV017323.D
Acq: 02 Jul 2020 22:13

Instrument :
MSVOA_V
ClientSampleId :
H4295

Tgt Ion: 83 Resp: 2687

Ion	Ratio	Lower	Upper
83	100		
85	42.6	42.9	79.7#
131	30.3	8.6	13.0#